

SCIENCE AGENDA April 22 - 26th

Content Standard: MS-PS2-3 Ask questions about data to determine the factors that affect the strength of electric and magnetic forces.

MS-PS3-1 Construct and interpret graphical displays of data to describe the relationships of kinetic energy to mass of an object and to the speed of an object.

MS-PS3-2 Develop a model to describe that when the arrangement of objects interacting at a distance changes, different amounts of potential energy are stored in the system.

MS-PS3-5 Construct, use and present arguments to support the claim that when the kinetic energy of an object changes, energy is transferred to or from the object.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA
Monday April 22nd	FOCUS QUESTION How is kinetic energy affected by mass? Happy Earth Day!	Unit 7.1 (Lesson 5) Mass, Speed and Kinetic Energy <ul style="list-style-type: none"> Students will watch and answer questions as I make a catapult and send objects with different masses flying? Students will watch a video on Pendulum mass and speed Students will set a goal for taking the NWEA Science Map Test 	HW: None Students will be able to form their ideas as to why the objects with different mass go further distance.
Tuesday April 23rd	FOCUS QUESTION How is kinetic energy affected by mass?	<ul style="list-style-type: none"> Students will make a pendulum with different amount of masses and collect data. They will graph the data and answer questions about their pendulum. 	HW: None Students will be able to make a pendulum and collect data showing how kinetic energy is affected by mass.
Wednesday April 24th	FOCUS QUESTION How am I progressing on the Michigan Standards for Science?	<ul style="list-style-type: none"> Students will take the NWEA Science Map Test 	HW: None Students will be able to improve their score from the winter NWEA Science Map Test.
Thursday April 25th	FOCUS QUESTION How am I progressing on the Michigan Standards for Science?	<ul style="list-style-type: none"> Students will Take the NWEA Science Map Test 	HW: None Students will be able to improve their score from the winter NWEA Science Map Test.
Friday April 26th	FOCUS QUESTION How is kinetic energy affected by mass?	<ul style="list-style-type: none"> Students will share their pendulum results 	HW: None Students will be able to explain that the more mass there is the more the kinetic energy there will be and the further the object will go.